

12345678

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NOTES:

- 1 MATERIAL: 3K 2X2 TWILL CARBON FIBER PREPREG, AXIOM AX-5112T
2. MANUFACTURE IAW MPP-145
- 3 MATERIAL: #120 E-GLASS EPOXY PREPREG WITH 48% RC;
- 4 USE 0.1190" REAMER
- 5 MATERIAL: PN: 600.0074, 1/16" GAROLITE G10 F4 IAW MIL-I-24768/27, UL 94V0

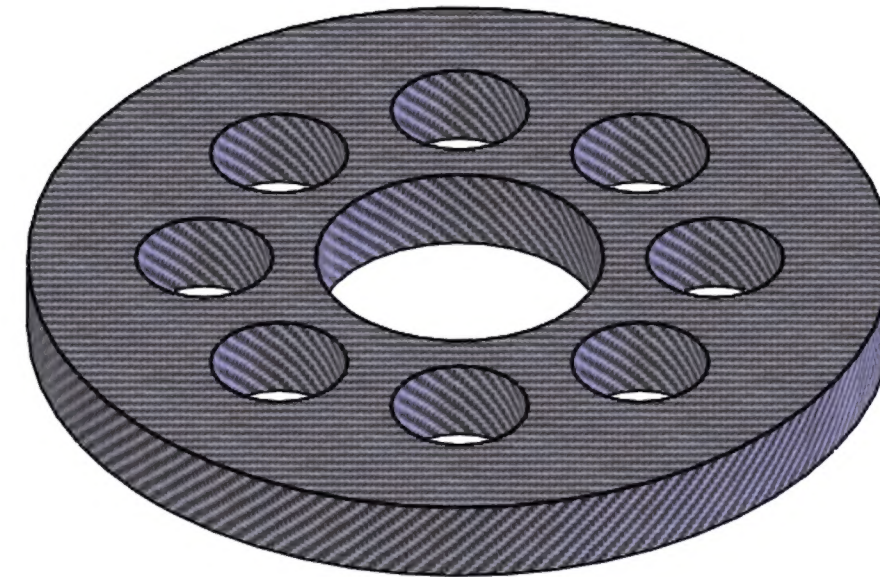
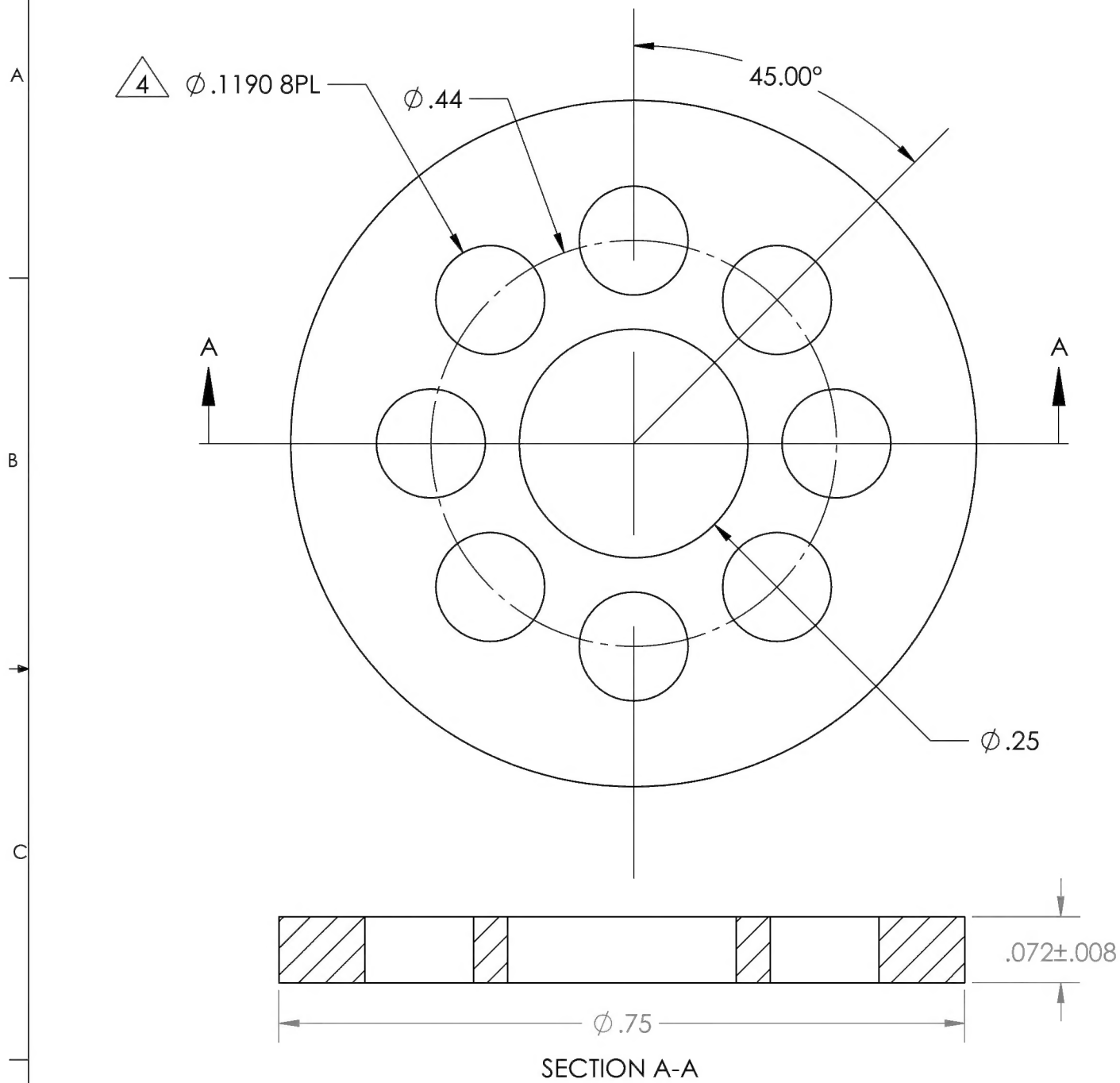
PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REASON CODE	REVISOR
-	PR1	INITIAL PROTOTYPE RELEASE	07-24-19	P. BRAVO	-	-	
S1:C2-A7 S2	PR2	UPDATED WASHER DIMENSIONS, ADDED 12" PANEL	09-06-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:D3	PR3	UPDATED WASHER DIMENSIONS	10-02-19	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
S1:C2-A7 S2	PR4	ADDED 652.7711, UPDATED 652.7710	01-06-20	Z. MUTTER	CURRENT ORDER	MDI	T. ARANDA
S1:D3-B4 S2:D3 S3:D6	PR5	UPDATED LAMINATE SCHEDULE FOR ALL PARTS, ADDED ID DIMENSION TO WASHERS	01-09-20	J. GARDINER	CURRENT ORDER	MDI	T. ARANDA
ALL	PR6	ADDED SHEETS 2 AND 4 ADDED 652.7713 UPDATED DRAWING LAYOUT REVISED DELTA NOTES	04-13-20	Z. MUTTER	CURRENT ORDER	MDI	N. RIEMENSCHNEIDER
S4:A1	PR7	REVISED DIMENSIONS OF .7713	9-24-20	Z.MUTTER	CURRENT ORDER	T	A.FLORES
S5 S6 S7 S8	PR8	ADDED 652.7714, 652.7715, 652.7716, 652.7717. ADDED DART PN TO GAROLITE MATERIAL	11-4-20	Z.MUTTER	CURRENT ORDER	MDI	N.RIEMENSCHNEIDER
S9 S10 S11	PR9	ADDED 652.7718, 652.7719,652.7721	11-10-20	Z.MUTTER For A G	CURRENT ORDER	MDI	N.RIEMENSCHNEIDER

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PRX		
N/C	INITIAL RELEASE		

11	652.7721	G10 .125 NOTCHED AND SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
10	652.7719	G10 .110 NOTCHED AND SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
9	652.7718	G10 .115 NOTCHED AND SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
8	652.7717	G10 .092 SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
7	652.7716	G10 .085 SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
6	652.7715	G10 .150 NOTCHED AND SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
5	652.7714	G10 .140 NOTCHED AND SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
4	652.7713	G10 SLOTTED FLOAT COVER WASHER	5	MIL-I-24768/27, UL 94V0
3	652.7711	SLOTTED FLOAT COVER WASHER	1 3	
2	652.7720	12" PANEL	1 3	
1	652.7710	FLOAT COVER WASHER	1 3	
FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST			
NEXT ASSY (\$)		ORIGINAL DATE (MO-DA-YR) 07-24-19		 <div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div>	
652.2300		DRAWN BY S. BEAULIEU	CHECKER P. BRAVO		
652.2400		DRAWING APPROVAL J. GARDINER 20.11.10			
		CONTRACT No.			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		FLOAT COVER WASHER	
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 652.7700	REV. PR9
		SCALE NONE			SHEET 1 OF 12

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652.7710

652.7710 LAMINATE SCHEDULE			
PLY	WARP ANGLE	MATERIAL	THICKNESS
G1	N/A	$\triangle 3$.008-.010
P01	0	$\triangle 1$.008-.010
P02	+45	$\triangle 1$.008-.010
P03	-45	$\triangle 1$.008-.010
P04	90	$\triangle 1$.008-.010
P05	+45	$\triangle 1$.008-.010
P06	-45	$\triangle 1$.008-.010
P07	0	$\triangle 1$.008-.010
G2	N/A	$\triangle 3$.008-.010

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWN BY NRR	CHECKER P. BRAVO				
DRAWING APPROVAL J. GARDINER 20.11.10					
CONTRACT No.		FLOAT COVER WASHER			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	CAGE CODE 07MZ6	DWG. NO. 652.7700	REV. PR9
SCALE NONE		SHEET 2 OF 12			

12345678

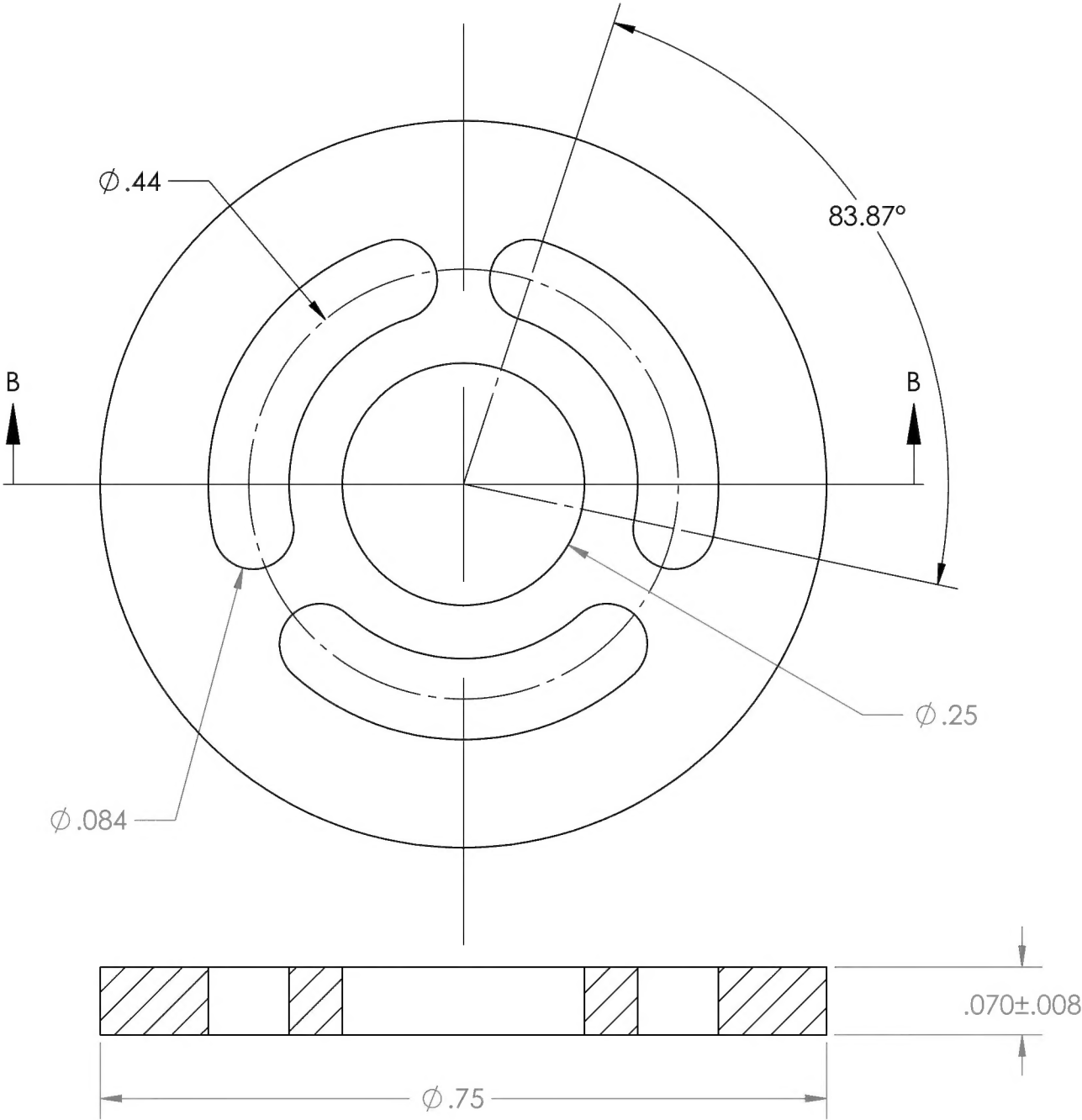
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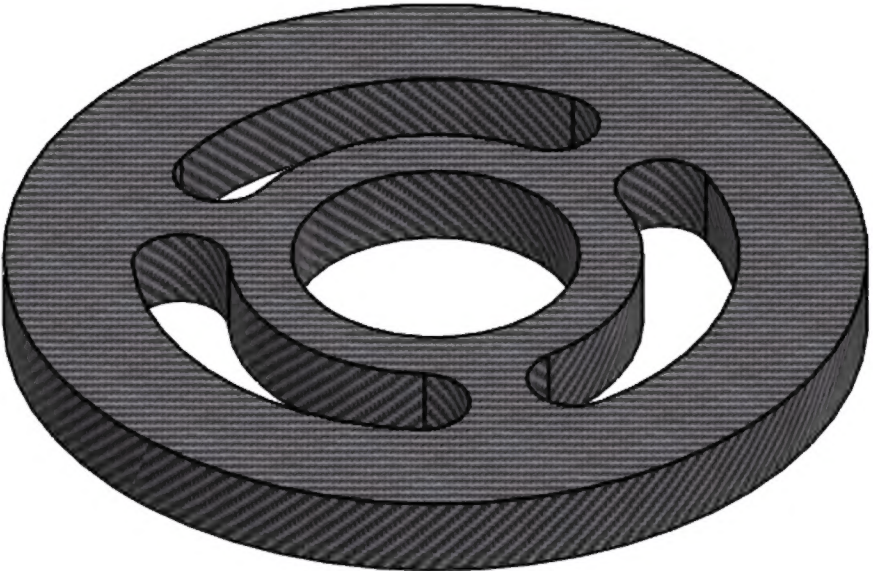
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SECTION B-B

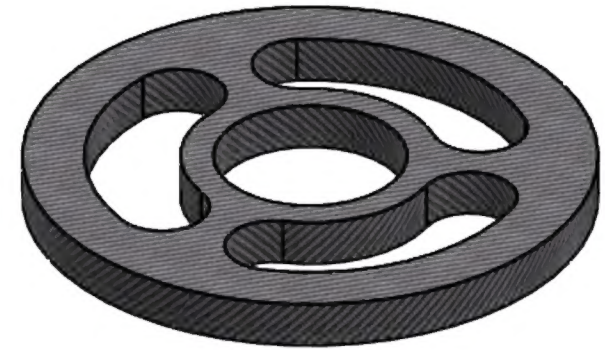
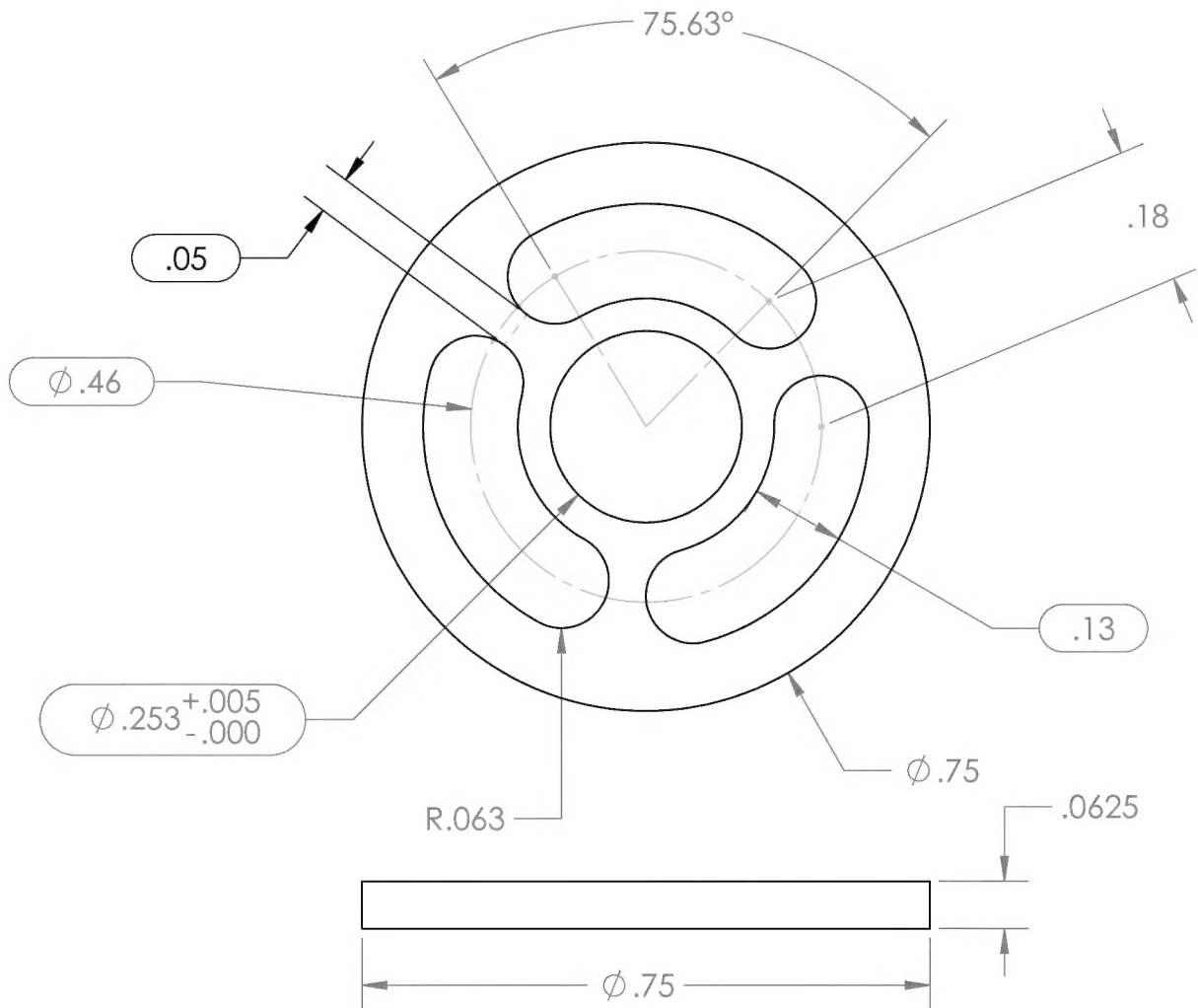


652.7711

652.7711 LAMINATE SCHEDULE			
PLY	WARP ANGLE	MATERIAL	THICKNESS
G1	N/A	△3	.008-.010
P01	0	△1	.008-.010
P02	+45	△1	.008-.010
P03	-45	△1	.008-.010
P04	90	△1	.008-.010
P05	+45	△1	.008-.010
P06	-45	△1	.008-.010
P07	0	△1	.008-.010
G2	N/A	△3	.008-.010

ORIGINAL DATE (MO-DA-YR) 20.11.10		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10			
CONTRACT No.		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
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SIZE B	CAGE CODE 07MZ6	DWG. NO. 652.7700	REV. PR9
SCALE NONE		SHEET 3 OF 12	

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652.7713

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. PR9
		CAGE CODE 07MZ6	DWG. NO. 652.7700
		SCALE NONE	SHEET 4 OF 12

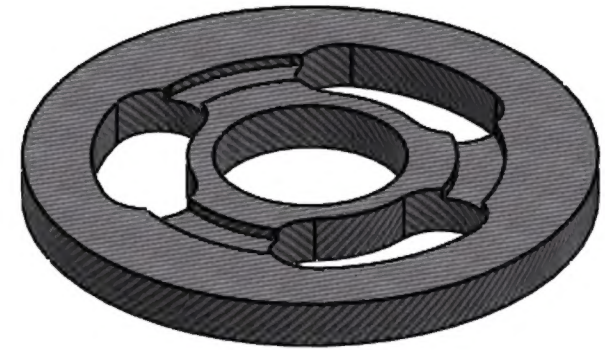
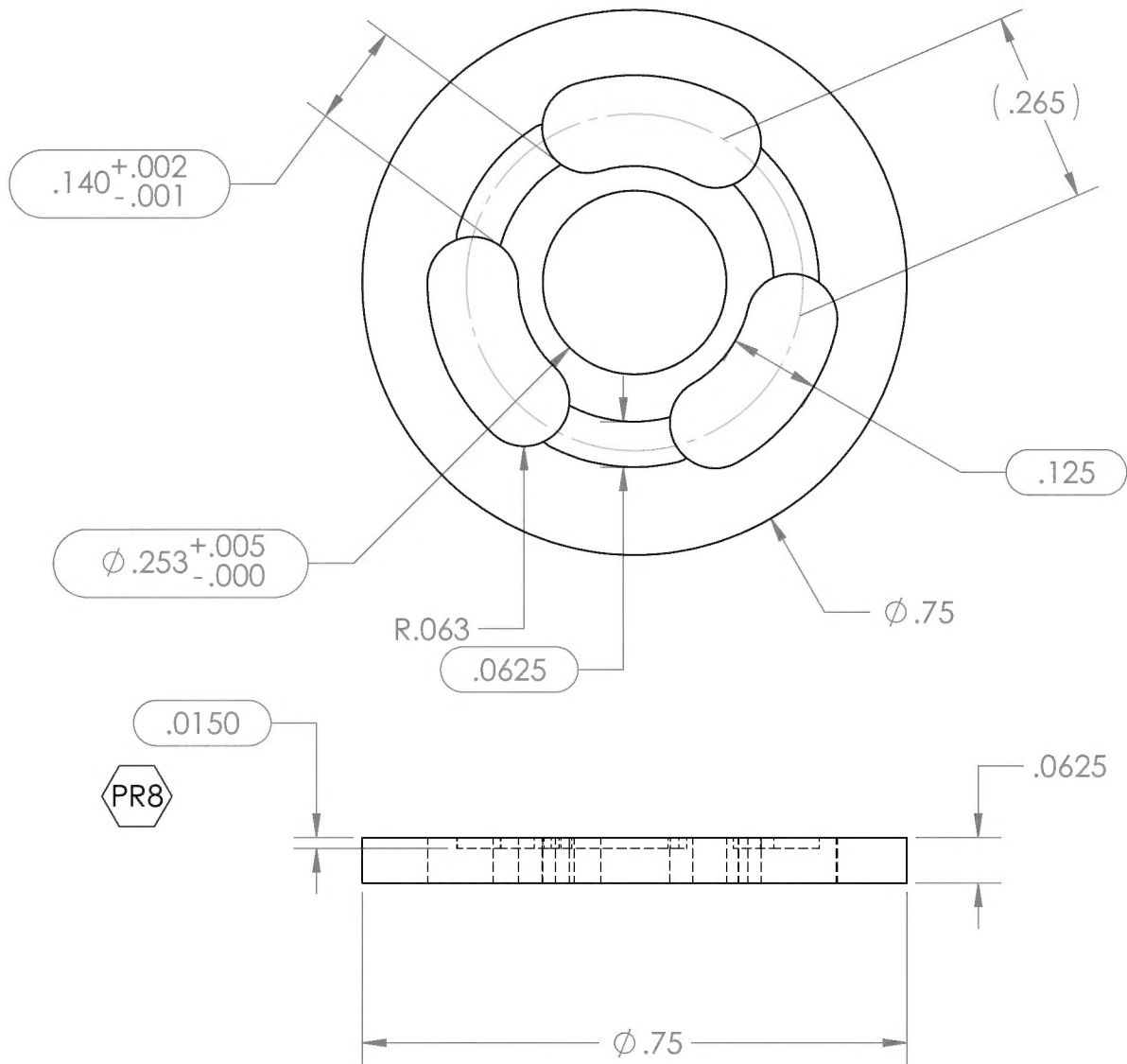
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652.7714

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR9
		DWG. NO. 652.7700	
SCALE NONE		SHEET 5 OF 12	

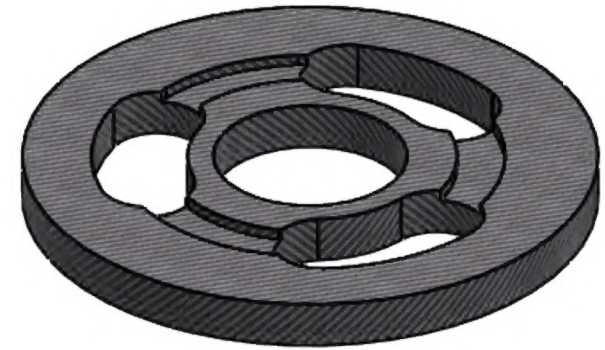
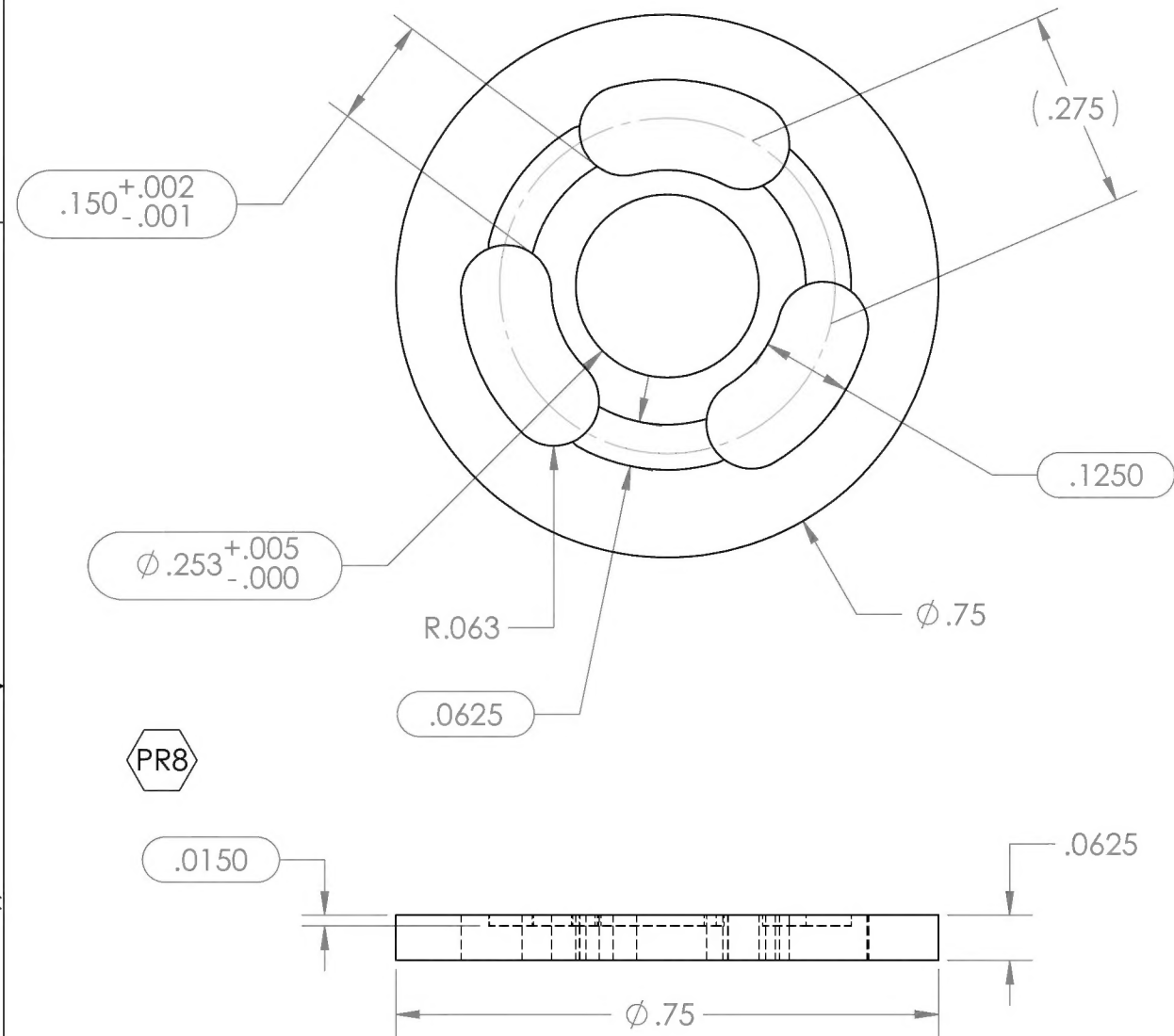
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652.7715

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR9
		DWG. NO. 652.7700	
SCALE NONE		SHEET 6 OF 12	

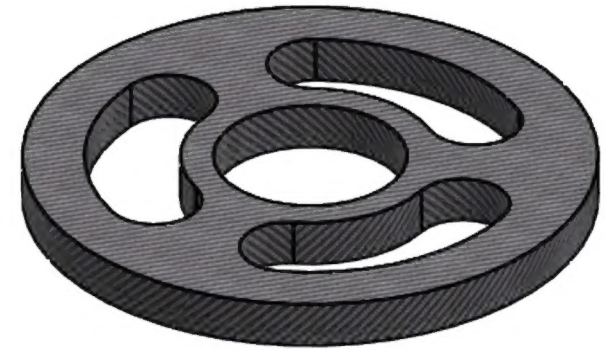
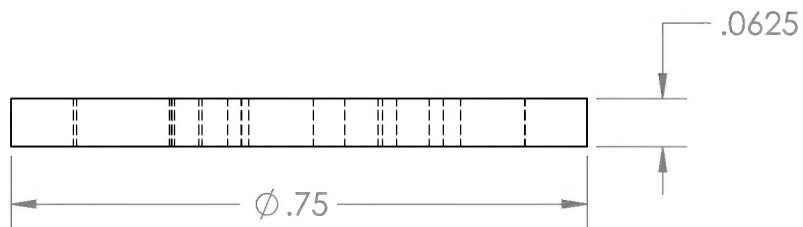
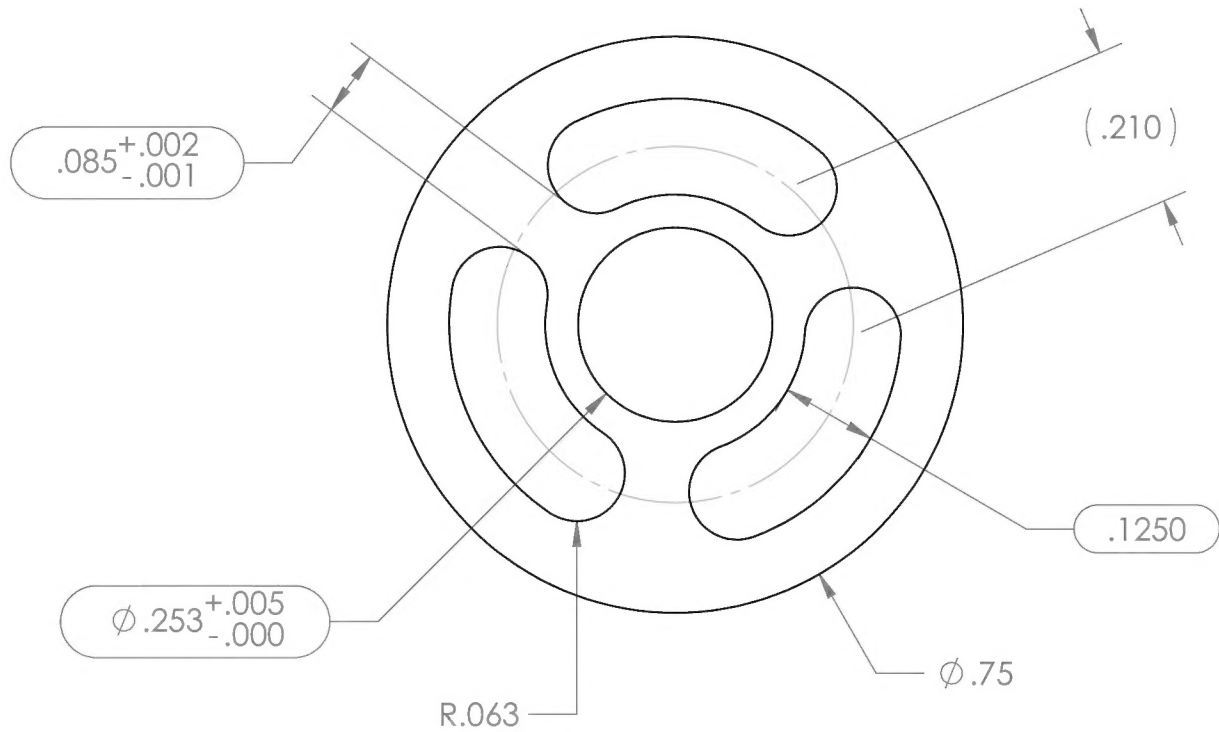
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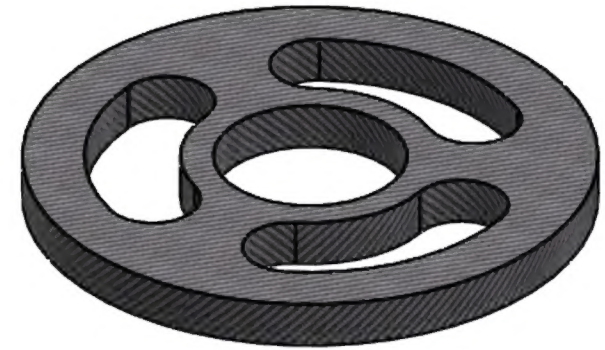
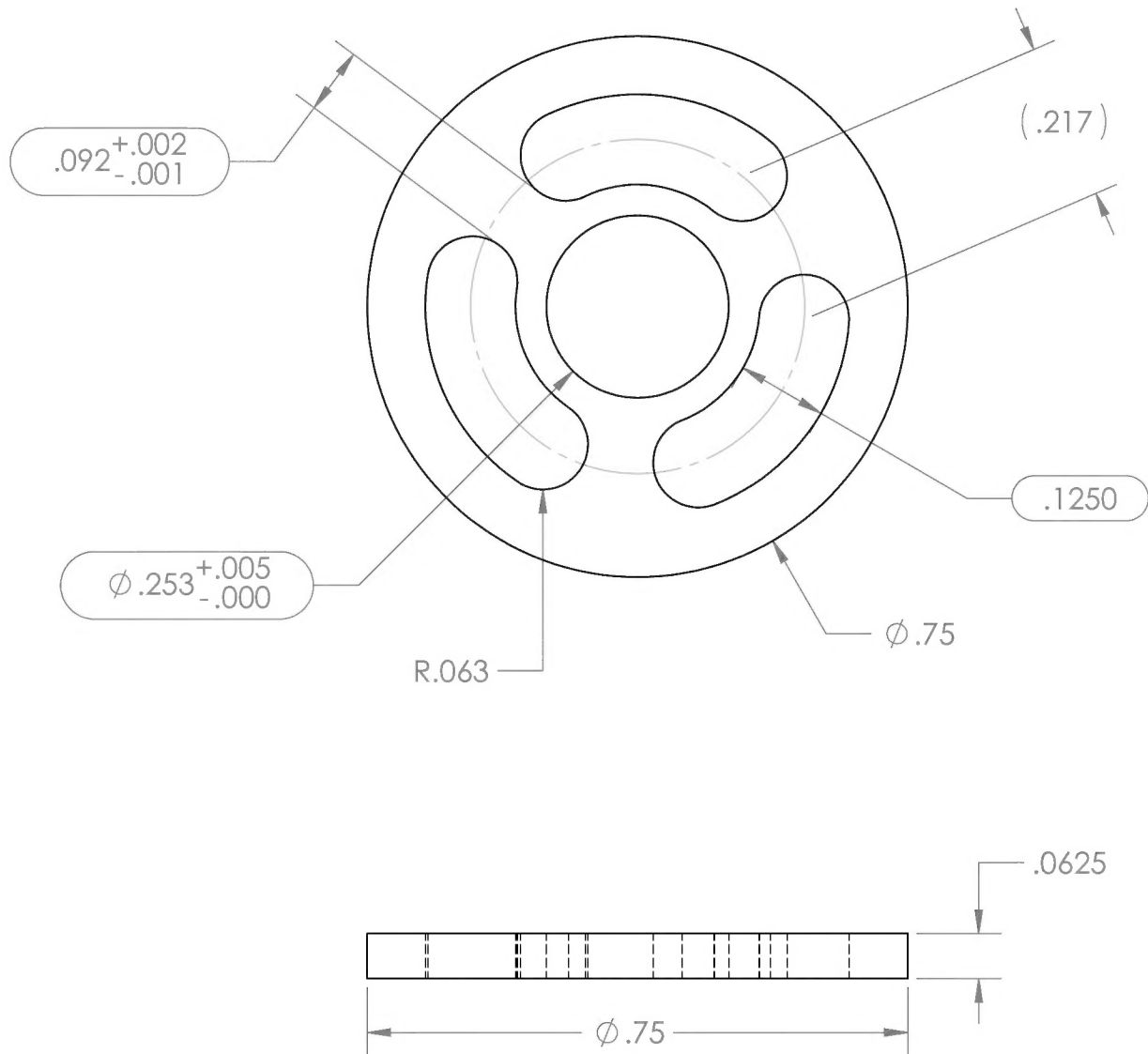
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652.7716

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR9
		DWG. NO. 652.7700	
		SCALE NONE	SHEET 7 OF 12

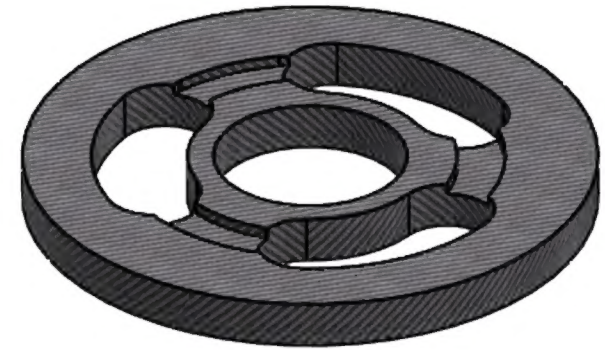
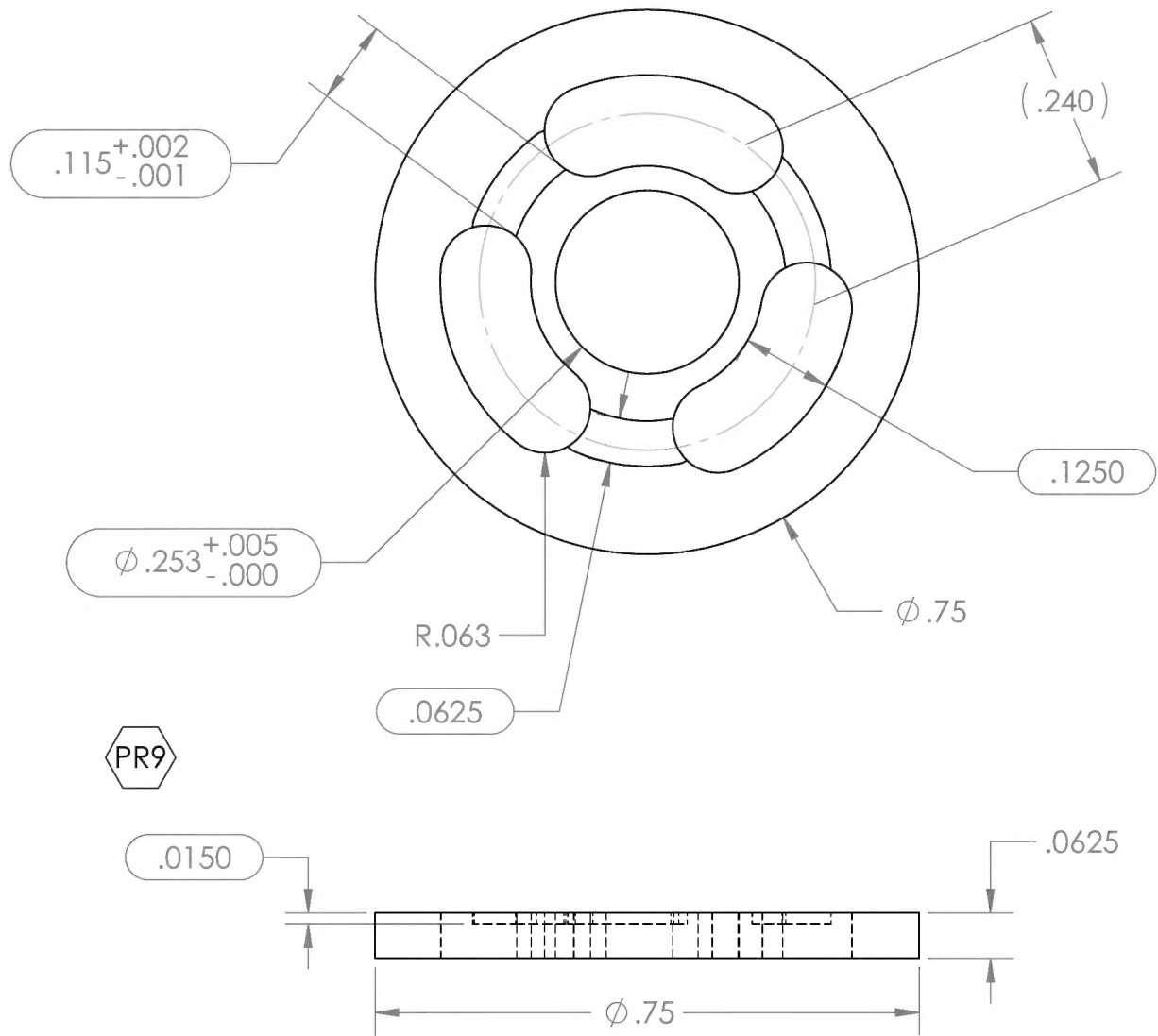
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652.7717

ORIGINAL DATE (MO-DA-YR) 20.11.10		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO				
DRAWING APPROVAL J. GARDINER 20.11.10		FLOAT COVER WASHER			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 652.7700	REV. PR9
		SCALE NONE			SHEET 8 OF 12

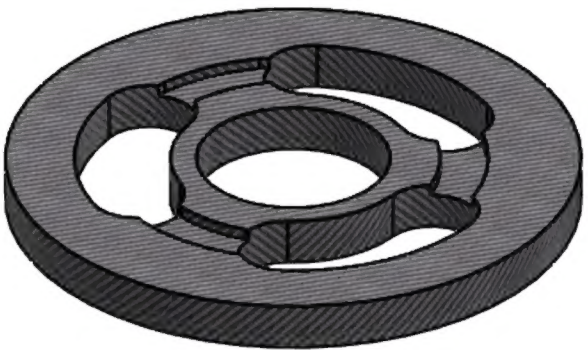
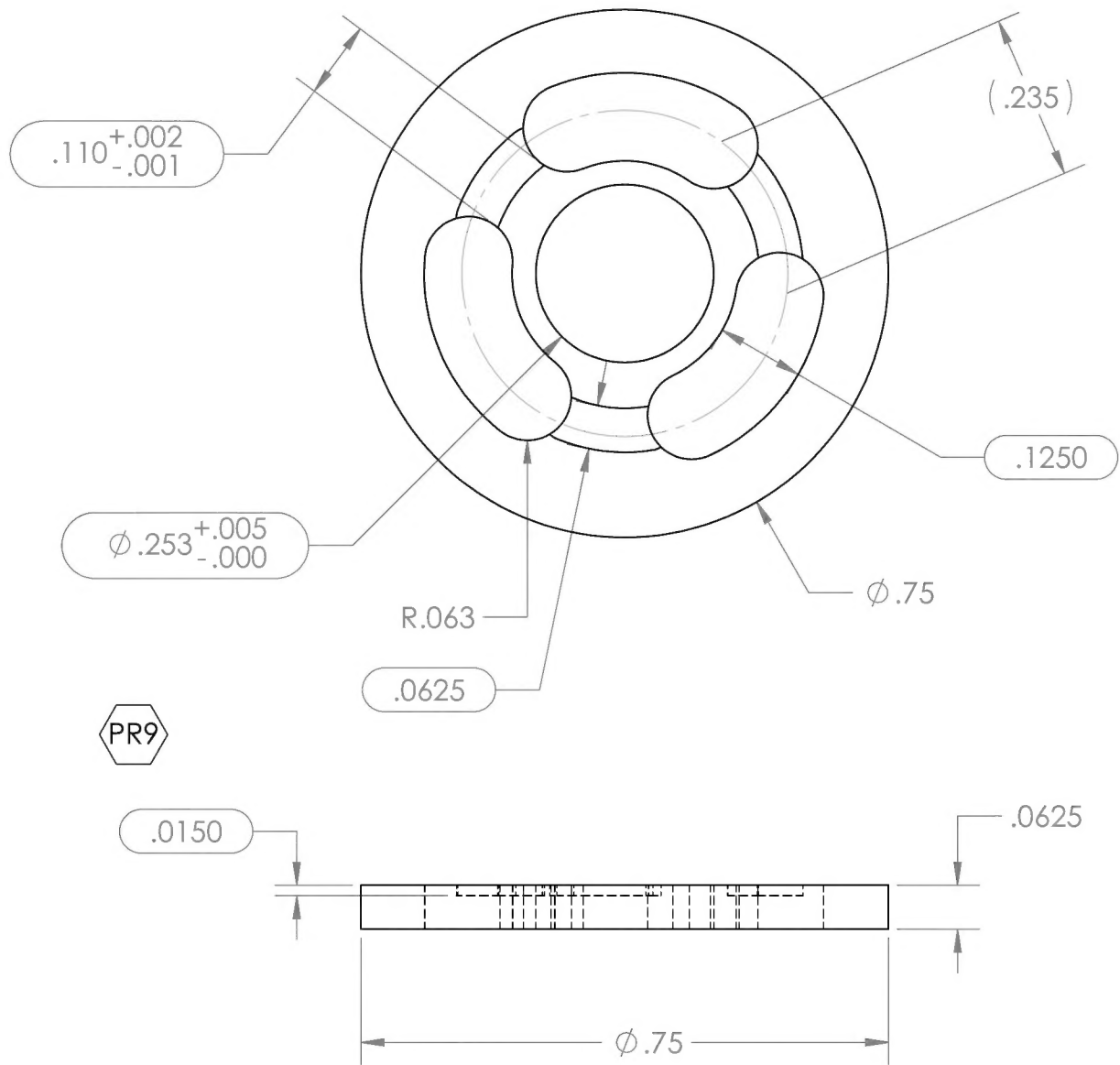
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652.7718

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV. PR9
		DWG. NO. 652.7700	
SCALE NONE		SHEET 9 OF 12	

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652.7719

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY NRR	CHECKER P. BRAVO		
DRAWING APPROVAL J. GARDINER 20.11.10		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		FLOAT COVER WASHER	
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		DWG. NO. 652.7700	
		SCALE NONE	SHEET 10 OF 12

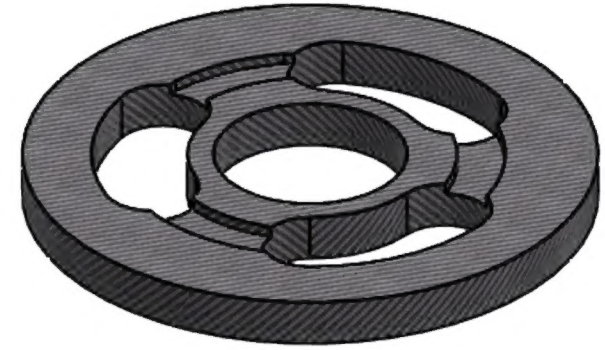
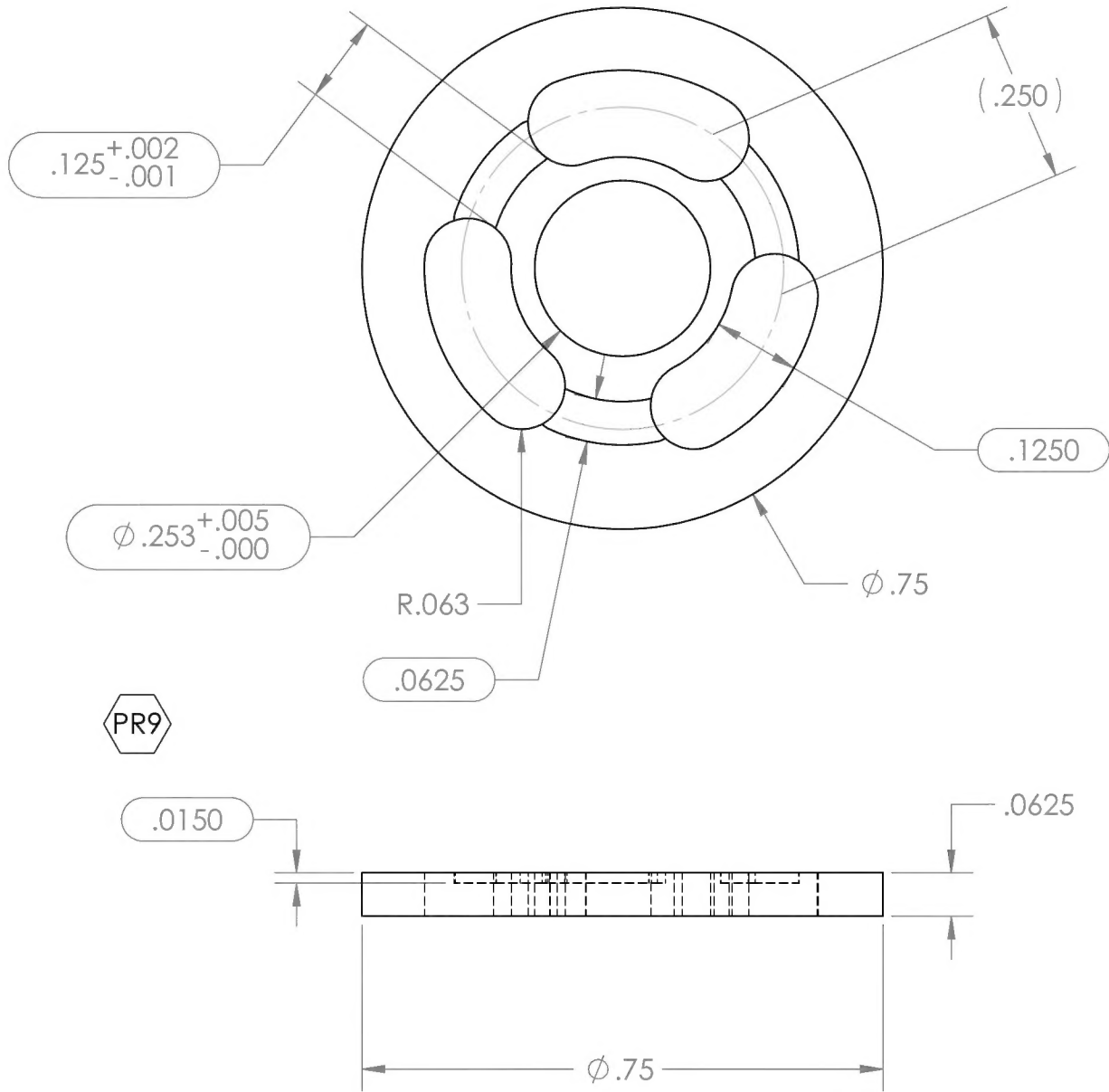
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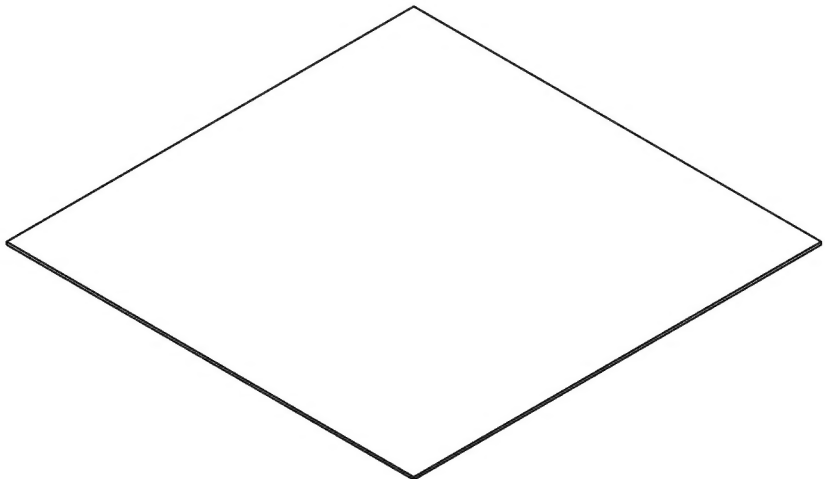
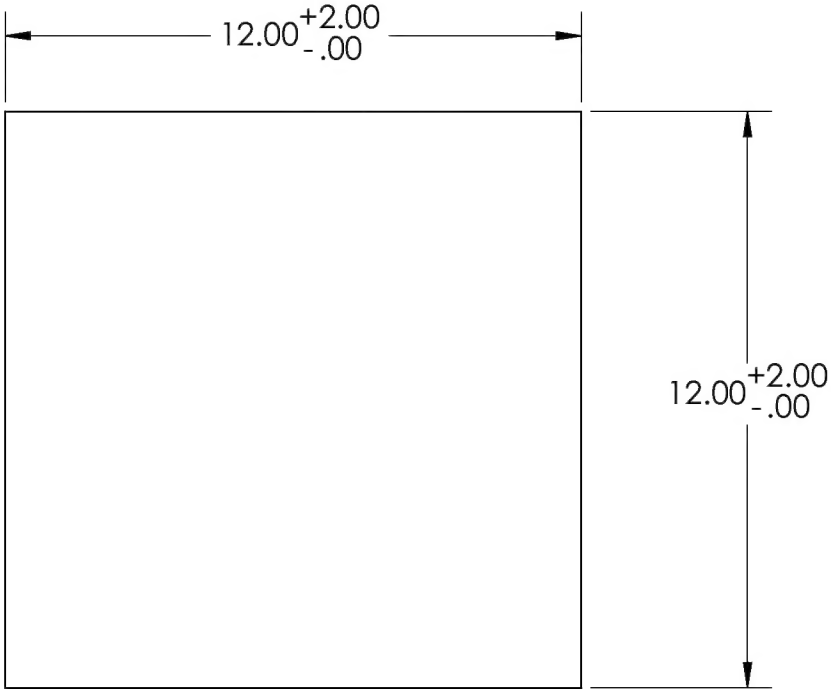
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652.7721

ORIGINAL DATE (MO-DA-YR) 20.11.10		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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CONTRACT No.		FLOAT COVER WASHER	
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		DWG. NO. 652.7700	
SCALE NONE		SHEET 11 OF 12	

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652.7720 LAMINATE SCHEDULE			
PLY	WARP ANGLE	MATERIAL	THICKNESS
G1	N/A		.008-.010
P01	0		.008-.010
P02	+45		.008-.010
P03	-45		.008-.010
P04	90		.008-.010
P05	+45		.008-.010
P06	-45		.008-.010
P07	0		.008-.010
G2	N/A		.008-.010

ORIGINAL DATE (MO-DA-YR) 20.11.10	
DRAWN BY NRR	CHECKER P. BRAVO
DRAWING APPROVAL J. GARDINER 20.11.10	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°



3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

FLOAT COVER WASHER

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	652.7700	PR9
SCALE NONE		SHEET 12 OF 12	